

**TOPOGRAPHIC SURVEY CONTROL POINT RECORD**

STATION LONG NAME	MA02
STATION NUMBER	MA02
4 CHAR ID	MA02
COUNTRY	IRAQ
LOCATION	CAMP CONDOR, MAYSAN
SURVEYING AGENCY	IGRS
DATE (OF DESCRIPTION)	11 AUG 2005

CONTENTS	YES	NO	NO OF PAGES
FIELD COORDINATE VALUES	X		1
OFFICE COORDINATE VALUES	X		1
STATION MONUMENT & SITE DETAILS	X		1
STATION DIAGRAM	X		1
ACCESS MAP	X		1
ACCESS DESCRIPTION	X		1
APPROACH PHOTOGRAPHS	X		1
CARDINAL POINT PHOTOGRAPHS	X		2

**RECORD OF VISITS**

DATE OF VISIT	NAME	UNIT	REMARKS

**ADDITIONAL DETAILS/ENCLOSURES**

CONTENTS	NO OF PAGES

## **FIELD COORDINATE VALUES**

STATION LONG NAME	MA02
4 CHAR ID	MA02
STATION NUMBER	MA02

THIS STATION IS NEW	YES
IDENTICAL / NEARLY IDENTICAL WITH	N/A

## **FIELD VALUES** FROM THE RECEIVER / HAND HELD GPS – IN WGS84

LATITUDE N / S	31°27'44.36" N
LONGITUDE E / W	47°17'51.64" E
HT (M)	+4
GRID ZONE DESIGNATOR	38R
UTM / MGRS GRID	38R QV 18315 83128
SURVEYING AGENCY	IGRS

FIELD INPUT BY: LOCKHART	UNIT: IGRS	DATE: 11 AUG 2005
FIELD CHECKED BY: ELLIS	UNIT: IGRS	DATE: 11 AUG 2005

# OFFICE COORDINATE VALUES

## WGS 84 ADJUSTED VALUES AS AT: 25 Aug 05

LATITUDE N	31° 27' 44.59249"
LONGITUDE E	047° 17' 51.68115"
SPHEROIDAL HT (M)	-10.163
EGM96 GEOID MODEL HT (M)	-15.469
ORTHOMETRIC HT (M)	5.306
VERTICAL DATUM	WGS 84
GEOID MODEL USED	EGM 96
RELATIVE TO	CORS STATIONS
RELATIVE POSITION ACCURACY (M)	0.011
RELATIVE HEIGHT ACCURACY (M)	0.009
ADJUSTING AGENCY	OPUS
ADJUSTMENT DATE	25 AUG 2005

## LOCAL DATUM VALUES AS AT: 25 Aug 05

SPHEROID	N/A
PROJECTION	N/A
GRID	N/A
VERTICAL DATUM	N/A
LATITUDE N / S	N/A
LONGITUDE E / W	N/A
EASTINGS (M)	N/A
NORTHINGS (M)	N/A
SPHEROIDAL HT (M)	N/A
ORTHOMETRIC HT (M)	N/A
GRID ZONE DESIGNATOR	N/A
TRANSFORMATION AGENCY	N/A
TRANSFORMATION DATE	N/A

GRAVITY VALUE: N/A	TYPE OF STN: N/A	REF: N/A
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AIR PHOTO: N/A	REF: N/A	SCALE: N/A
IMAGERY: N/A	REF: N/A	SCALE: N/A

OFFICE INPUT BY: LCPL COWARD	UNIT: IGRS	DATE: 25 AUG 2005
OFFICE CHECKED BY: LCPL DICKEN	UNIT: IGRS	DATE: 25 AUG 2005

## STATION MONUMENT AND SITE DETAILS

<b>STATION LONG NAME: MA02</b>	
<b>STATION NUMBER: MA02</b>	<b>4 CHAR ID: MA02</b>
<b>LOCATION: CAMP CONDOR, MAYSAN</b>	<b>COUNTRY: IRAQ</b>
<b>STATION ADDRESS: CAMP CONDOR</b>	
<b>TEL: N/A</b>	<b>FAX: N/A</b>
<b>LAND OWNER ADDRESS: N/A</b>	
<b>TEL: N/A</b>	<b>FAX: N/A</b>
<b>TYPE OF MARK: HARN</b>	
<b>CONDITION: NEW</b>	
<b>MARK SETTING: FINE POINT ON REBAR</b>	<b>NO OF REBARS: 3</b>

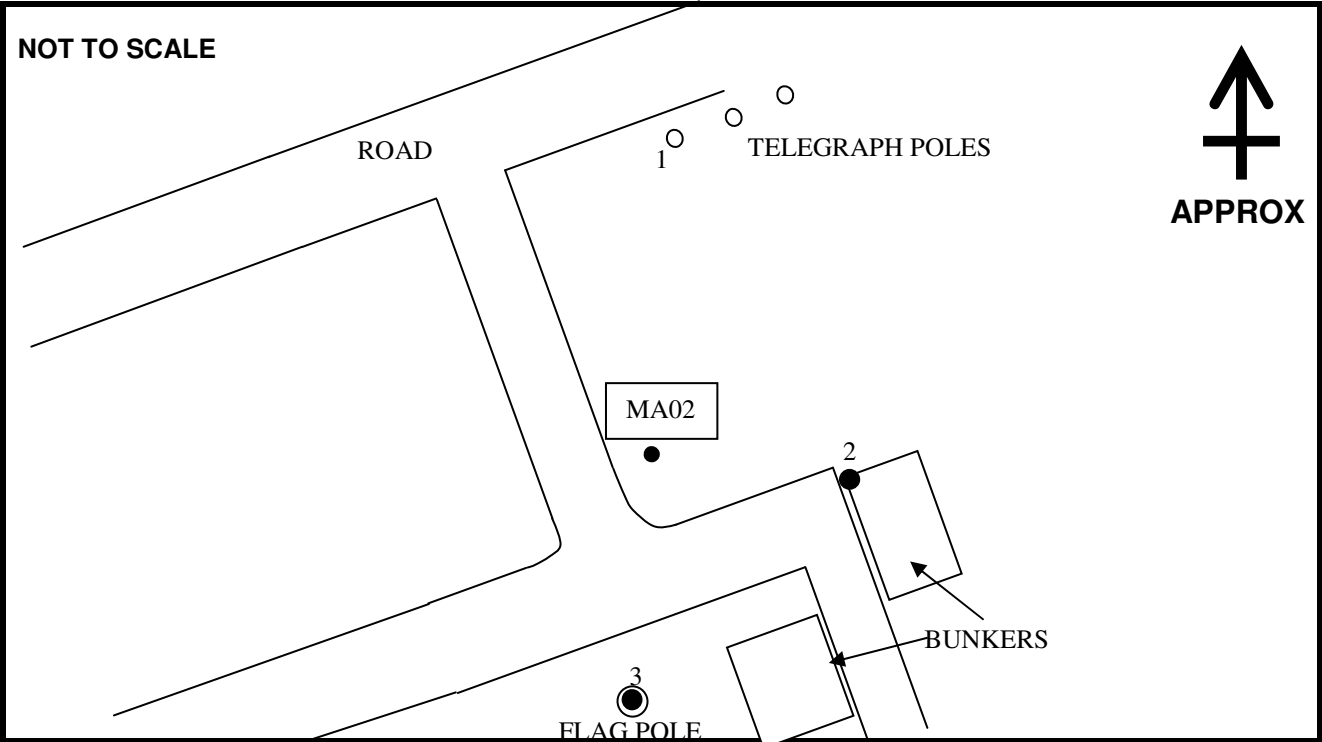
### MONUMENT PHOTO / SKETCH



<b>PREPARED BY: LOCKHART</b>	<b>UNIT: IGRS</b>	<b>DATE: 14 AUG 2005</b>
<b>CHECKED BY: ELLIS</b>	<b>UNIT: IGRS</b>	<b>DATE: 14 AUG 2005</b>

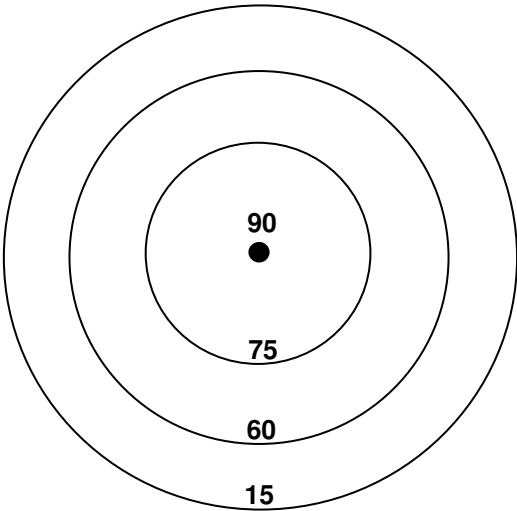
STATION DIAGRAM

STATION LONG NAME: MA02	
STATION NUMBER: MA02	4 CHAR ID: MA02



NO	DESCRIPTION	BRG/HORZ ANGLE	DISTANCE(m)
1	TELEGRAPH POLE	198°	67
2	EAST CORNER OF BUNKER	238°	60
3	FLAG POLE	338°	23
4			

OBSCURITY DETAILS



PREPARED BY: LOCKHART	UNIT: IGRS	DATE: 14 AUG 2005
CHECKED BY: ELLIS	UNIT: IGRS	DATE: 14 AUG 2005

# ACCESS MAP

STATION LONG NAME: MA02

STATION NUMBER: MA02

4 CHAR ID: MA02

MAP DETAILS

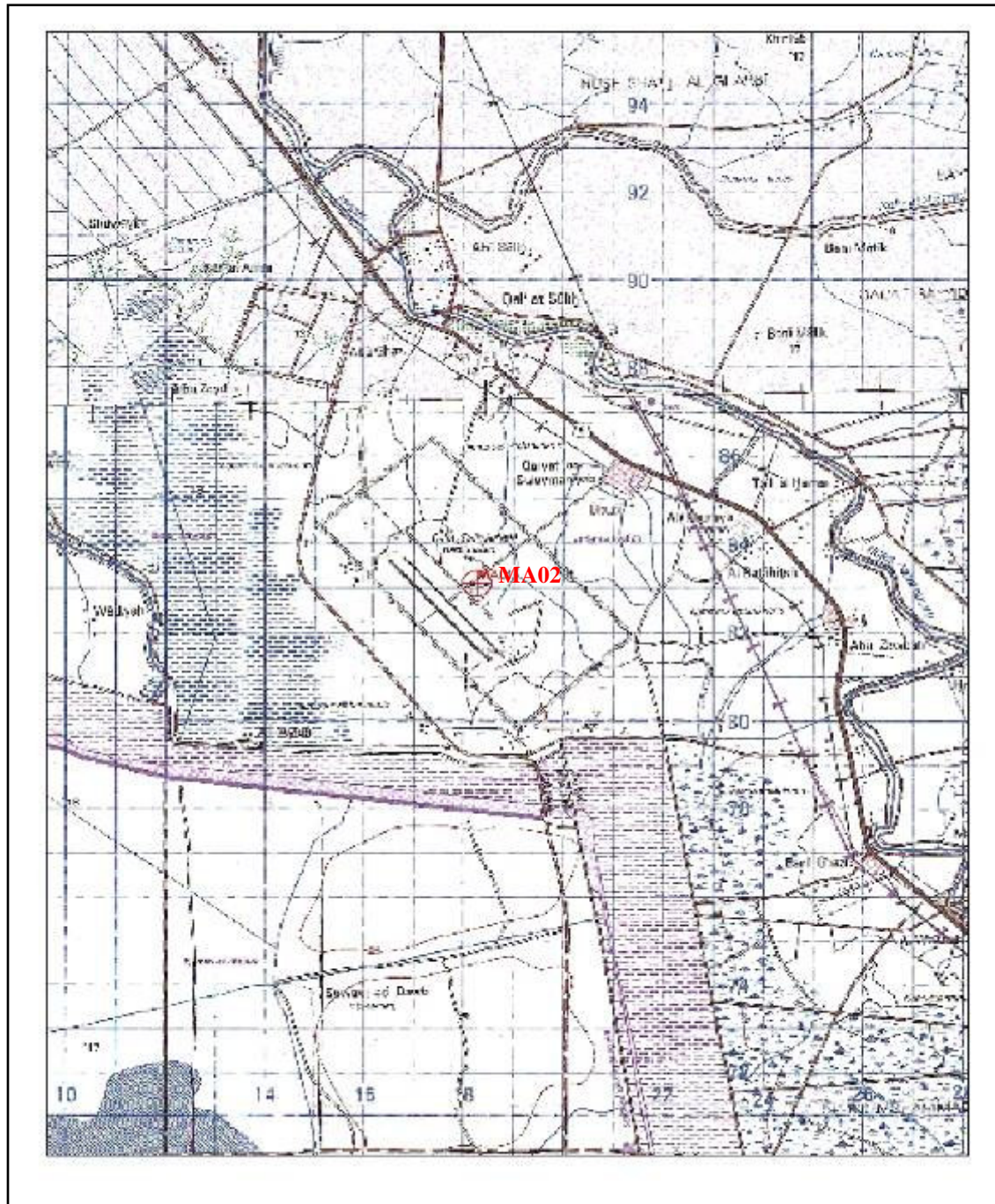
SERIES: K643

SHEET: 5453, 5452

EDITION: 1- DMA

SCALE: 1:100'000

GR: 38R QV 18 83



PREPARED BY: LOCKHART

UNIT: IGRS

DATE: 17 AUG 2005

CHECKED BY: COLWELL

UNIT: IGRS

DATE: 17 AUG 2005

## ACCESS DESCRIPTION

STATION LONG NAME: MA02		
STATION NUMBER: MA02		4 CHAR ID: MA02

MAP DETAILS	SERIES: K643	SHEET: 5453, 5452
EDITION: 1- DMA	SCALE: 1:100'000	GR: 38R QV 18 83

From the main road junction at gr 38R QA 034 138, head south along route six for approximately 25km. At gr 38R QV 211 859 turn west into the Iraqi army compound.

PREPARED BY: LOCKHART	UNIT: IGRS	DATE: 14 AUG 2005
CHECKED BY: ELLIS	UNIT: IGRS	DATE: 14 AUG 2005

## APPROACH PHOTOGRAPHS

STATION LONG NAME: MA02	
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**NEAR APPROACH FACING SOUTH WEST**



**FAR APPROACH FACING SOUTH WEST**



TAKEN BY: LOCKHART	DATE TAKEN: 11 AUG 2005
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# CARDINAL PHOTOGRAPHS

STATION LONG NAME: MA02	
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**NORTH**



**SOUTH**



TAKEN BY: LOCKHART	DATE TAKEN: 11 AUG 2005
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# CARDINAL PHOTOGRAPHS

STATION LONG NAME: MA02	
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**EAST**



**WEST**



TAKEN BY: LOCKHART	DATE TAKEN: 11 AUG 2005
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